

NORTH FOURTH STREET ENGINEERING FEASIBILITY STUDY

Public Involvement Meeting No. 2: January 24, 2012

Meeting Agenda

- Overview of Engineering Study Objectives
- Review of North 4th Street Rank III Corridor Plan
- Engineering Study Approach
- Initial Findings
- Next Steps
- Open Discussion – Questions/Comments

North Fourth Street Corridor Plan

- North 4th Street Plan recommended an **“engineering design”** study be conducted to...
- “explore and refine the transportation redesign concepts”
- Help with “decisions about the design and configuration of the pedestrian, auto, and transit right-of-way”

North Fourth Street Rank III Corridor Plan



Albuquerque Metropolitan Redevelopment Agency - City of Albuquerque Planning Department

4th Street Corridor Plan Refresher

North Fourth Street Corridor Plan

- Includes 4th Street from Mountain Road to the north boundary of Albuquerque
- Provides **policy guidance** for new development and redevelopment
- Established a form-based overlay zone to guide development
- Adopted March 2010

North Fourth Street Rank III Corridor Plan



Albuquerque Metropolitan Redevelopment Agency -
City of Albuquerque Planning Department



North Fourth Street Corridor Plan

- Corridor plan also established specific **transportation concepts** to support Plan objectives
 - Concepts emphasize walkability, pedestrian connections, and transit
 - Included specific transportation concepts for each of three subareas within the corridor

North Fourth Street Rank III Corridor Plan



Albuquerque Metropolitan Redevelopment Agency -
City of Albuquerque Planning Department



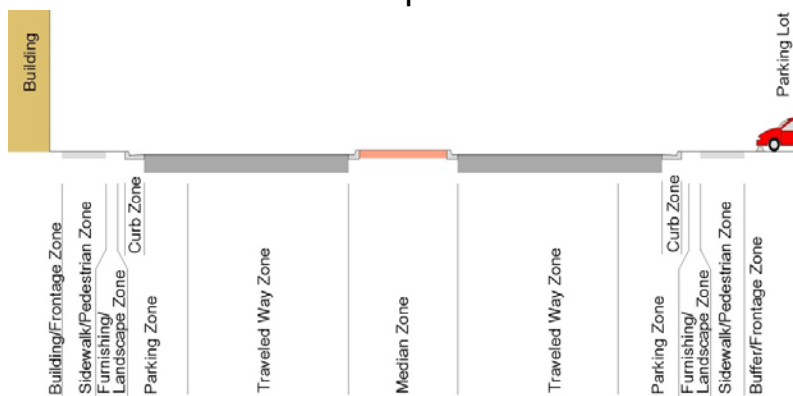
Transportation Elements

- Three defined segments of Fourth Street include:
 - ▣ Mountain Road to I-40
 - ▣ I-40 to Gene Avenue
 - ▣ Gene Avenue to Camino Español



Typical Section -- Defined

- “Typical section” refers to various elements included in a street and streetscape

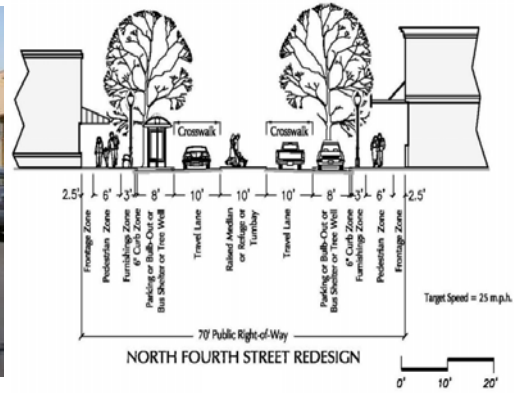


Mountain Road to I-40

Existing Street 60 ft R/W

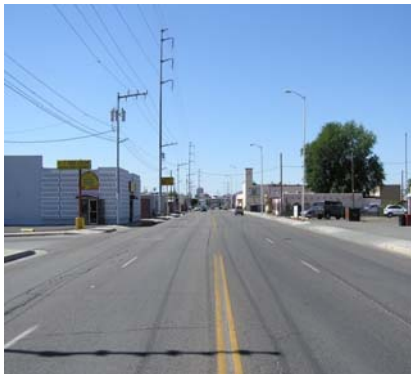


Plan Proposed 70' Typical Section

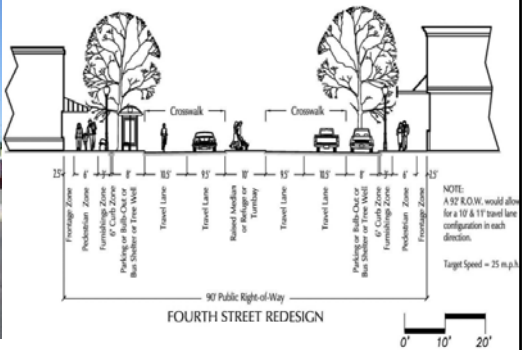


I-40 to Gene Avenue

Existing R/W varies from 60' to 85'



Plan Proposed 90' Typical Section

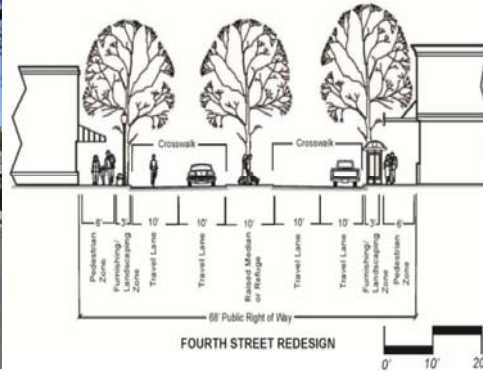


Gene Avenue to Camino Español

Existing R/W varies from 60' to 74'



Plan Proposed 68' Typical Section



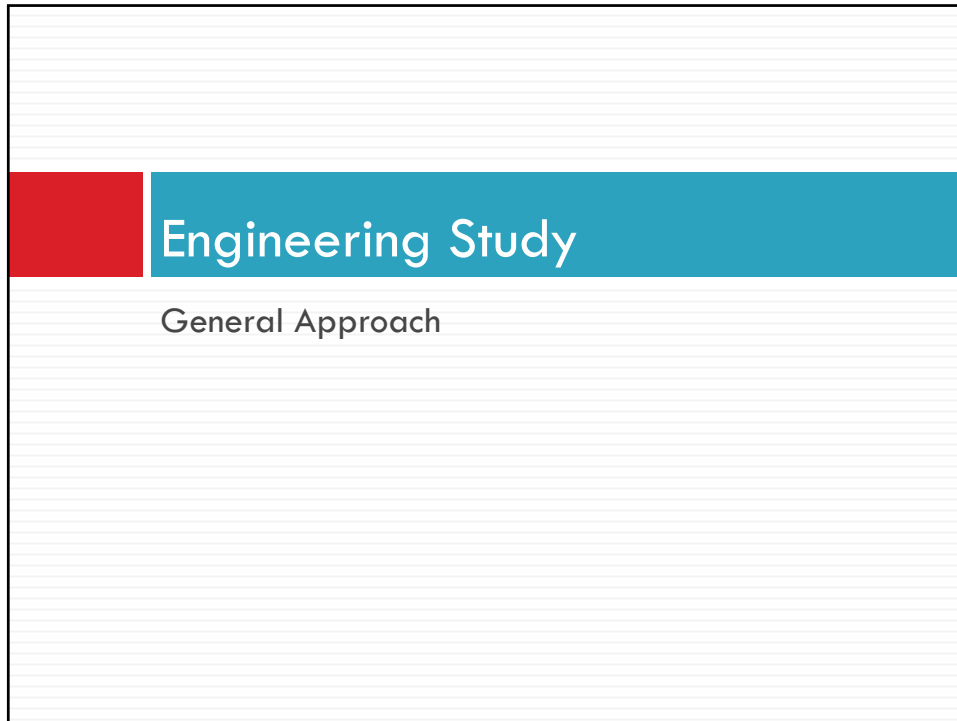
North Fourth Street Corridor Plan

- North 4th Street Plan recommended an **“engineering design”** study be conducted to...
- “explore and refine the transportation redesign concepts
- Help with “decisions about the design and configuration of the pedestrian, auto, and transit right-of-way”

North Fourth Street Rank III Corridor Plan



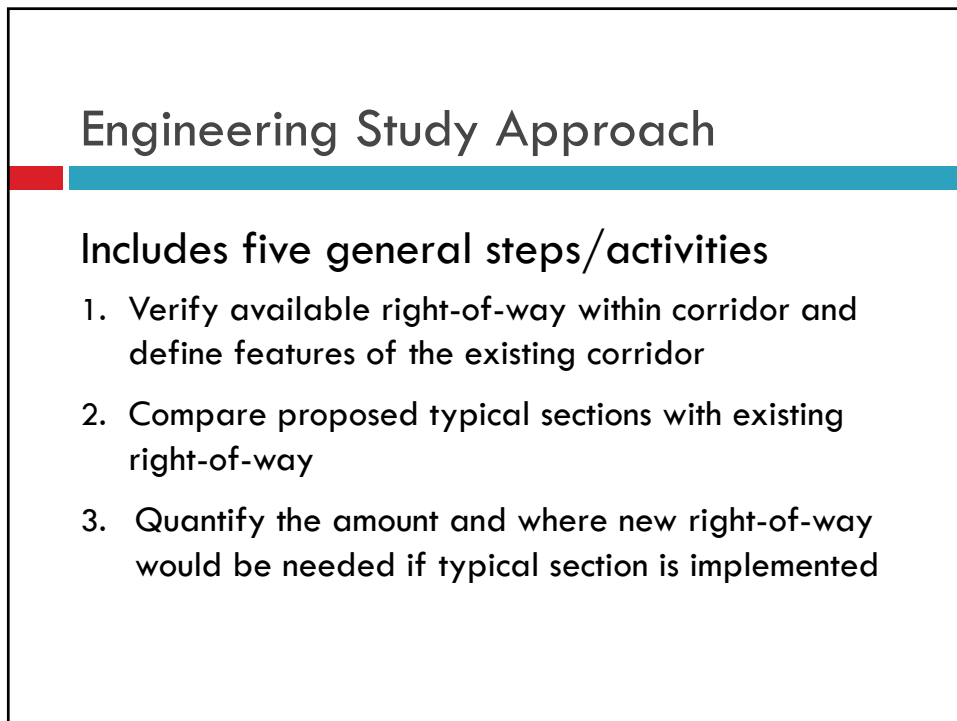
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Engineering Study

General Approach

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Engineering Study Approach

Includes five general steps/activities

1. Verify available right-of-way within corridor and define features of the existing corridor
2. Compare proposed typical sections with existing right-of-way
3. Quantify the amount and where new right-of-way would be needed if typical section is implemented

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Engineering Study Approach

4. Assess effects of proposed typical sections on...
 - ▣ Existing buildings
 - ▣ Existing off-street parking
 - ▣ Existing overhead utilities
5. Identify potential design concept refinements to avoid/minimize impacts to existing buildings



Engineering Study Approach – Step 1

- ▣ Right-of-way verified using
 - ▣ Historic documents
 - ▣ Recorded plats
 - ▣ Field survey to identify building/roadway relationships
- ▣ Corridor inventory
 - ▣ Historic character buildings
 - ▣ Major utilities (readily visible)
 - ▣ Transit stops



Engineering Study Approach – Step 2/3

- Comparison of available right-of-way with the Plan typical sections...
 - ▣ Based on plan adopted typical sections. **No refinements made** for the initial assessment
 - ▣ Based on corridor **centerline** to equally distribute any needed acquisitions



Engineering Study Approach

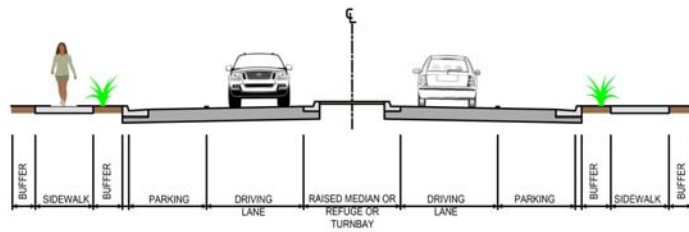
- How the 4th Street Corridor Plan will be implemented is not well defined
 - ▣ Plan policies are triggered by several actions
 - New building
 - Demolition of existing building and construction of a new building
 - Major additions
 - Other actions
 - ▣ Likely to begin with spot opportunities



Engineering Study Approach

Initial Findings (Steps 2/3)

Segment 1: Mountain Road to I-40



CORRIDOR PLAN TYPICAL SECTION CONCEPT C
MOUNTAIN RD. TO I-40

Segment 1: Mountain Road to I-40

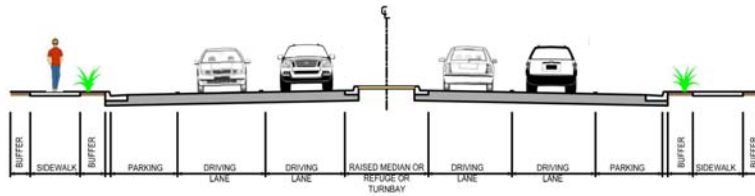


Example Only

Segment 1: Mountain Road to I-40

- Additional right-of-way
 - 16 buildings
 - 8 off-street parking areas

Segment 2: I-40 to Gene Avenue



CORRIDOR PLAN TYPICAL SECTION CONCEPT B
BETWEEN I-40 AND GENE AVE.

Segment 2: I-40 to Gene Avenue

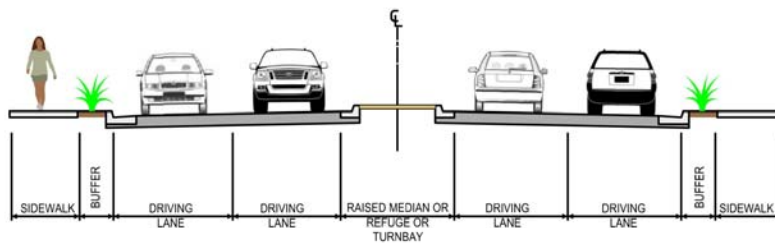


Example Only

Segment 2: I-40 to Gene Avenue

- Additional right-of-way
 - ▣ 56 buildings
 - ▣ 34 off-street parking areas

Segment 3: Gene Ave. to Camino Español



CORRIDOR PLAN TYPICAL SECTION CONCEPT D
GENE AVE. TO CAMINO ESPAÑOL

Segment 3: Gene Ave. to Camino Español



Segment 3: Gene Ave. to Camino Español

- Additional right-of-way
 - No buildings
 - 2 off-street parking areas

Engineering Study Approach

Next Steps

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Next Steps

- Identify opportunities where the 4th Street Plan typical sections fit with minimal encroachments
- Discuss possible measures to implement partial sections to avoid major encroachments.

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Segment 1 -- Existing Opportunities

- No locations where the planned typical can be implemented without substantive encroachments

Segment 2 -- Existing Opportunities

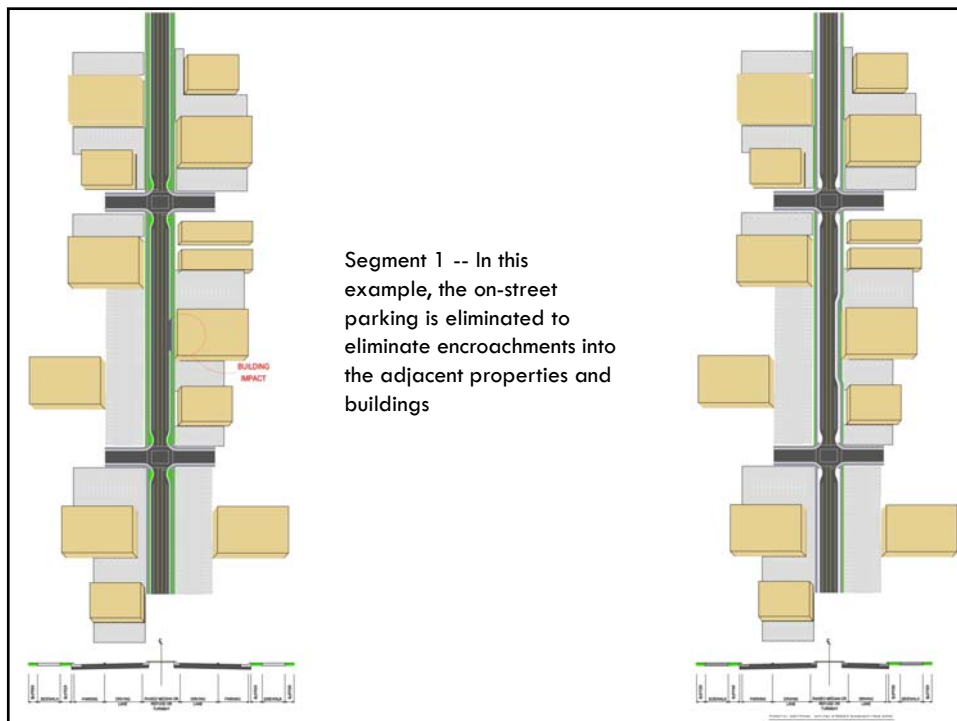
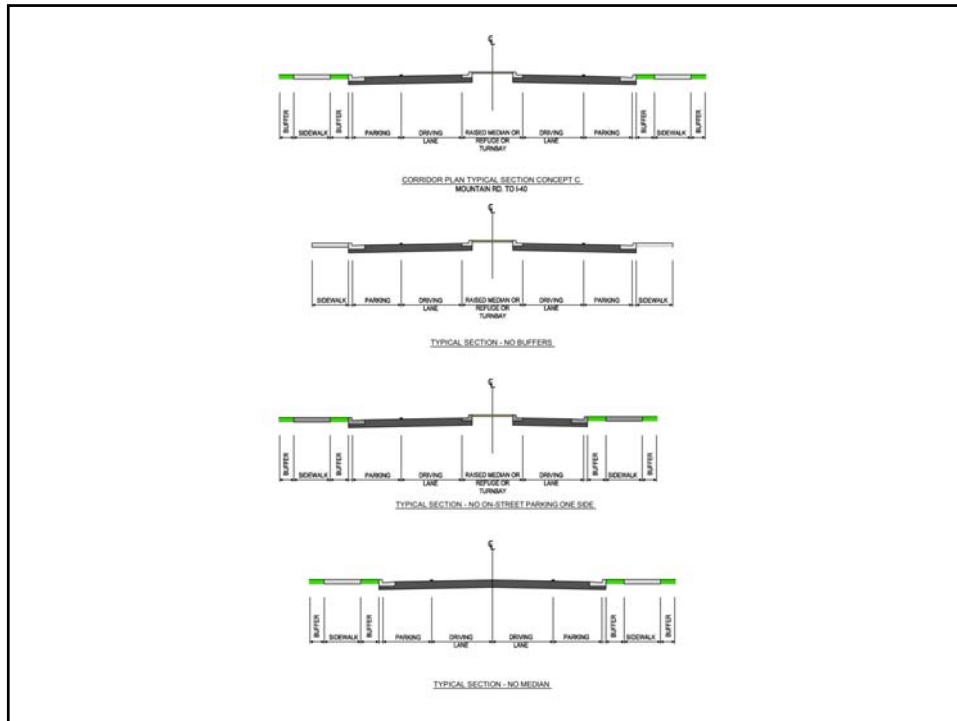
- One area available where the planned typical can be implemented without substantive encroachments
 - Griegos Road to Montañío Road (~ 1/2 mile of 2.3 miles)

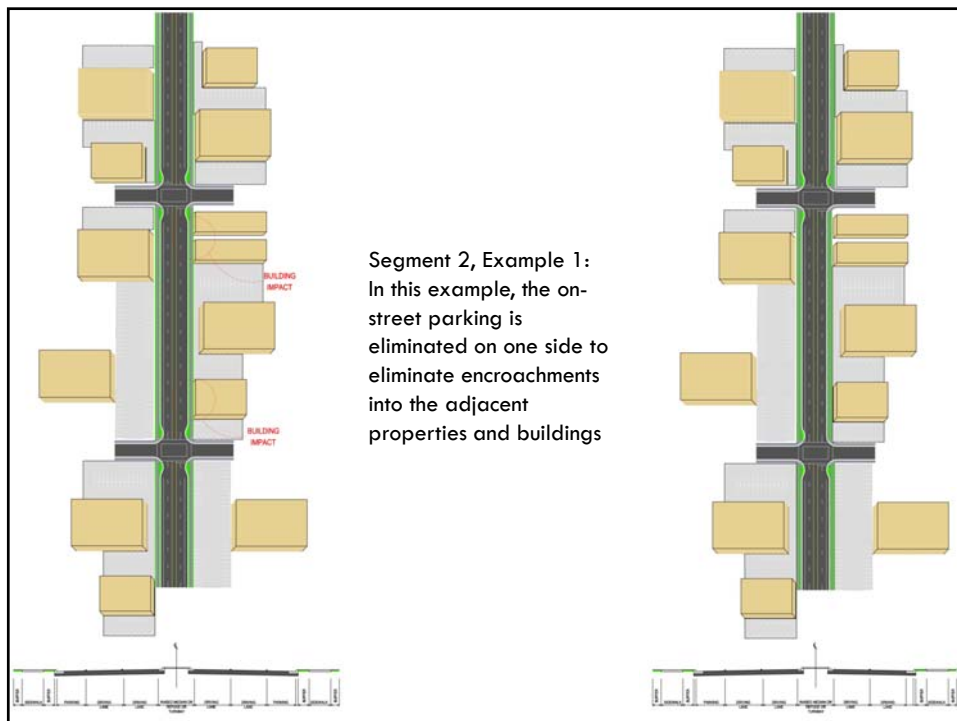
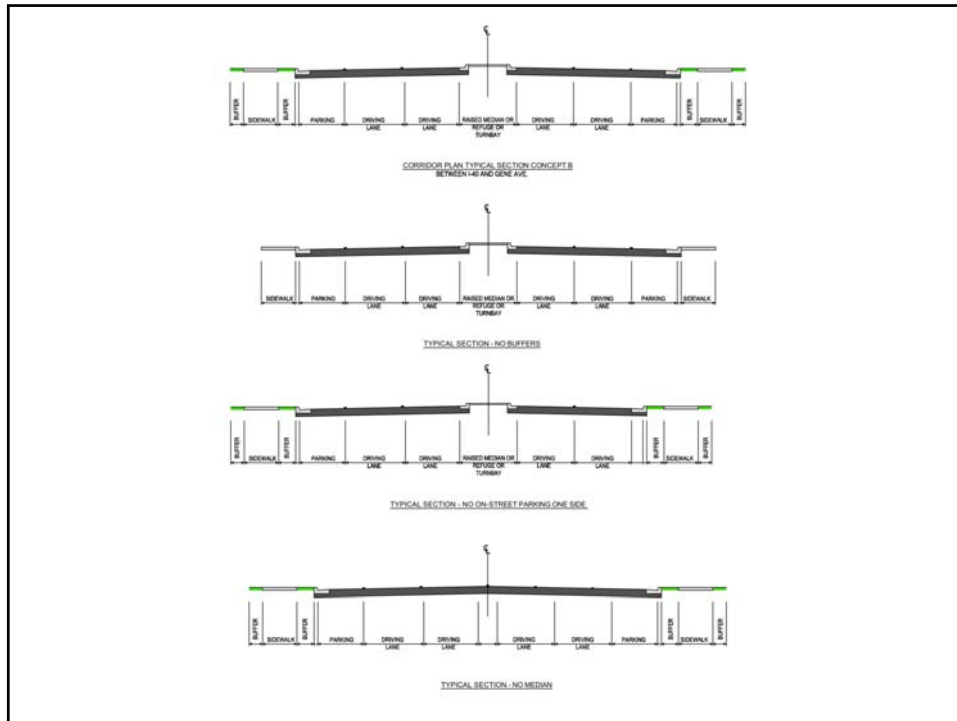
Segment 3 -- Existing Opportunities

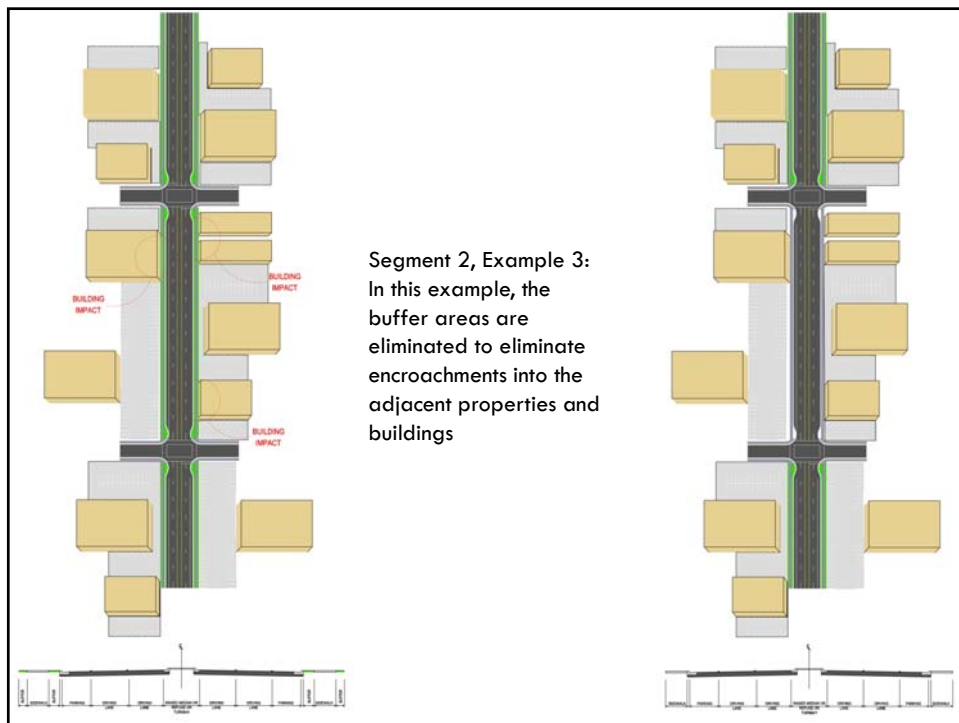
- Most of segment will allow implementation of the planned typical

Interim Measures to Avoid Encroachments

- Modifications to the planned typical sections could be used to avoid major encroachments
 - ▣ Reduce or eliminate median in some locations?
 - ▣ Eliminate on-street parking in select locations?
 - ▣ Reduce buffers in select locations?







Web Site

- A North Fourth Street Engineering Study web site will be available within the next 4 weeks
- Domain Name not yet established
 - www.north4thstreet.com or www.northfourthstreet.com
 - Any suggestions?

Questions and Comments

- Persons to contact if you want more information or want to discuss ideas/issues
 - **Kellie Shaw**, Project Manager
 - Albuquerque Dept. of Municipal Development
 - Kellieshaw@caba.gov or 768-3659
 - **Jim Heimann**, Consultant Team Project Manager
 - Parsons Brinckerhoff
 - Heimann@PBWorld.com or 878-6529
 - **David Pennington**, Transportation Planner
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